

JAP12 Rec'd PCT/PTO 17 JUL 2007

FROM :Mofo. 28f1

FAX NO. :4152687522

Jul. 17 2007 05:30PM PT

MORRISON | FOERSTER

425 MARKET STREET
SAN FRANCISCO
CALIFORNIA 94105-2482

TELEPHONE: 415.268.7000
FACSIMILE: 415.268.7522

WWW.MOFO.COM

MORRISON & FOERSTER LLP
NEW YORK, SAN FRANCISCO,
LOS ANGELES, PALO ALTO,
SAN DIEGO, WASHINGTON, D.C.

DENVER, NORTHERN VIRGINIA,
ORANGE COUNTY, SACRAMENTO,
WALNUT CREEK, CENTURY CITY

TOKYO, LONDON, BEIJING,
SHANGHAI, HONG KONG,
SINGAPORE, BRUSSELS

JUL 17 2007

To:

NAME:	FACSIMILE:	PHONE:
MS MISSING PARTS US Patent and Trademark Office	(571) 273-8300	(571) 272-4000

FROM: Michael R. Ward
Reg. No. 38,651

DATE: July 17, 2007

Number of pages
with cover page:

13

Preparer of this slip has confirmed that facsimile number given is
correct:

12823/AXS26

Comments:

ATTORNEY DOCKET NO.: 247322003800

GROUP ART UNIT: Not Yet Assigned

EXAMINER: Not Yet Assigned

SERIAL NO.: 10/590,045

FILING DATE: August 17, 2006

INVENTOR(S): Yasuo SUDA

TITLE: CARBOHYDRATE-LIGAND CONJUGATES AND THEIR APPLICATION
FOR THE ANALYSIS OF CARBOHYDRATE-PROTEIN INTERACTION

DOCUMENTS ATTACHED: RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS

1. Transmittal in Duplicate Copy for Fee Processing (6 pages)
2. Copy of Notification of Missing Requirements (2 pages)
3. Declaration SIGNED (1 page)
4. Supplemental Application Data Sheet (3 pages)

Deposit Account authorized to be charged \$130.00

SMALL ENTITY LARGE ENTITY

To ensure compliance with requirements imposed by the United States Internal Revenue Service, Morrison & Foerster LLP informs you that, if any advice concerning one or more U.S. federal tax issues is contained in this facsimile (including any attachments), such advice is not intended or written to be used, and cannot be used, for the purpose of (i) avoiding penalties under the Internal Revenue Code or (ii) promoting, marketing or recommending to another party any transaction or matter addressed herein.

CAUTION - CONFIDENTIAL.

This facsimile contains confidential information that may also be privileged. Unless you are the addressee (or authorized to receive for the addressee); you may not copy, use, or distribute it. If you have received it in error, please advise Morrison & Foerster LLP immediately by telephone or facsimile and return it promptly by mail.

sf-2355064

**RECEIVED
CENTRAL FAX CENTER**

JUL 17 2007

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 247322003800
INTERNATIONAL APPLICATION NO. PCT/JP2005/003220	INTERNATIONAL FILING DATE 18 February 2005	U.S. APPLICATION NO. (if known, see 37 CFR 1.6) 10/690,045
TITLE OF INVENTION CARBOHYDRATE-LIGAND CONJUGATES AND THEIR APPLICATION FOR THE ANALYSIS OF CARBOHYDRATE-PROTEIN INTERACTION		
APPLICANT(S) FOR DO/EO/US SUDA, Yasuo		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <p>1. <input type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (8), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))</p> <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))</p> <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the Inventor(s) (35 U.S.C. 371(c)(4)) SIGNED (1 page)</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p>Items 11 to 20 below concern document(s) or information included:</p> <p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. (3 pages)</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included</p> <p>13. <input type="checkbox"/> A preliminary amendment</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. (2 pages)</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the International application under 35 U.S.C. 154(d)(4).</p>		

sf-2355027

**RECEIVED
CENTRAL FAX CENTER**

JUL 17 2007

U.S. APPLICATION NO. (if known, see 37 CFR 1.6) 10/590,045	INTERNATIONAL APPLICATION NO. PCT/JP2005/003220	ATTORNEY'S DOCKET NUMBER 247322003800																																																																																														
20. <input checked="" type="checkbox"/> Other items or information: 1. Copy of Notice to File Missing Parts (2 pages)																																																																																																
<p>The following fees have been submitted</p> <table border="1"> <tr> <td>21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....</td> <td>\$300</td> <td>CALCULATIONS</td> <td>PTO USEONLY</td> </tr> <tr> <td>22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)</td> <td>\$0</td> <td rowspan="2">\$</td> <td rowspan="2"></td> </tr> <tr> <td>All other situations</td> <td>\$200</td> </tr> <tr> <td>23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)</td> <td>\$0</td> <td rowspan="3">\$</td> <td rowspan="3"></td> </tr> <tr> <td>Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....</td> <td>\$100</td> </tr> <tr> <td>International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB</td> <td>\$400</td> </tr> <tr> <td>All other situations</td> <td>\$800</td> <td></td> <td></td> </tr> <tr> <td colspan="2">TOTAL OF 21, 22 and 23 =</td> <td>\$</td> <td></td> </tr> <tr> <td colspan="4"> <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$260 for each additional 50 sheets of paper or fraction thereof. </td> </tr> <tr> <td>Total Sheets</td> <td>Extra Sheets</td> <td>Number of each additional 50 or fraction thereof (round up to a whole number)</td> <td>RATE</td> </tr> <tr> <td>126 - 100 =</td> <td>25 /50 =</td> <td>1</td> <td>x \$260.00</td> </tr> <tr> <td colspan="4">Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).</td> </tr> <tr> <td colspan="2">CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> </tr> <tr> <td colspan="2">Total claims</td> <td>14 - 20 =</td> <td>0</td> </tr> <tr> <td colspan="2">Independent claims</td> <td>1- 3 =</td> <td>0</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td></td> <td>+ 360.00</td> </tr> <tr> <td colspan="3">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$ 130.00</td> </tr> <tr> <td colspan="3"><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by %.</td> <td>0.00</td> </tr> <tr> <td colspan="3">SUBTOTAL =</td> <td>\$ 130.00</td> </tr> <tr> <td colspan="3">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).</td> <td>0.00</td> </tr> <tr> <td colspan="3">TOTAL NATIONAL FEE =</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="3">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +</td> <td>0.00</td> </tr> <tr> <td colspan="3">TOTAL FEES ENCLOSED =</td> <td>\$ 130.00</td> </tr> <tr> <td colspan="3"></td> <td>Amount to be refunded: \$ 0.00</td> </tr> <tr> <td colspan="3"></td> <td>Amount to be charged \$</td> </tr> </table>			21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....	\$300	CALCULATIONS	PTO USEONLY	22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)	\$0	\$		All other situations	\$200	23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)	\$0	\$		Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....	\$100	International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB	\$400	All other situations	\$800			TOTAL OF 21, 22 and 23 =		\$		<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$260 for each additional 50 sheets of paper or fraction thereof.				Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	126 - 100 =	25 /50 =	1	x \$260.00	Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				CLAIMS		NUMBER FILED	NUMBER EXTRA	Total claims		14 - 20 =	0	Independent claims		1- 3 =	0	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ 360.00	TOTAL OF ABOVE CALCULATIONS =			\$ 130.00	<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by %.			0.00	SUBTOTAL =			\$ 130.00	Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).			0.00	TOTAL NATIONAL FEE =			\$ 0.00	Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +			0.00	TOTAL FEES ENCLOSED =			\$ 130.00				Amount to be refunded: \$ 0.00				Amount to be charged \$
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....	\$300	CALCULATIONS	PTO USEONLY																																																																																													
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)	\$0	\$																																																																																														
All other situations	\$200																																																																																															
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)	\$0	\$																																																																																														
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....	\$100																																																																																															
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB	\$400																																																																																															
All other situations	\$800																																																																																															
TOTAL OF 21, 22 and 23 =		\$																																																																																														
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$260 for each additional 50 sheets of paper or fraction thereof.																																																																																																
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																																																																																													
126 - 100 =	25 /50 =	1	x \$260.00																																																																																													
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).																																																																																																
CLAIMS		NUMBER FILED	NUMBER EXTRA																																																																																													
Total claims		14 - 20 =	0																																																																																													
Independent claims		1- 3 =	0																																																																																													
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ 360.00																																																																																													
TOTAL OF ABOVE CALCULATIONS =			\$ 130.00																																																																																													
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by %.			0.00																																																																																													
SUBTOTAL =			\$ 130.00																																																																																													
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).			0.00																																																																																													
TOTAL NATIONAL FEE =			\$ 0.00																																																																																													
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +			0.00																																																																																													
TOTAL FEES ENCLOSED =			\$ 130.00																																																																																													
			Amount to be refunded: \$ 0.00																																																																																													
			Amount to be charged \$																																																																																													

sf-2355027

FROM :Mofo.28f1

FAX NO. :4152687522

JUL. 17 2007 05:30PM P4

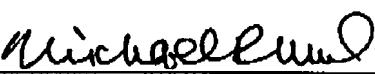
RECEIVED
CENTRAL FAX CENTER

JUL 17 2007

a. A check in the amount of \$ _____ to cover the above fees is enclosed.
b. Please charge my Deposit Account No. 03-1952 in the amount of \$ 130.00 to cover the above fees.
A duplicate copy of this sheet is enclosed.
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-1952. A duplicate copy of this sheet is enclosed.
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:


SIGNATURE 7/17/2007

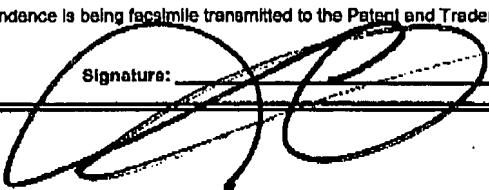
Michael R. Ward
NAME

CUSTOMER NUMBER: 20872

38,651
REGISTRATION NUMBER

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. 571/273-8300, on the date shown below.

Dated: July 17, 2007

Signature:  (Lilia Olsen)

07/20/2007 LLANDGRA 0000032 031952 10590045

01 FC:1617 130 00 DA

sf-2355027



COPY

UNITED STATES PATENT AND TRADEMARK OFFICE

**RECEIVED
CENTRAL FAX CENTER**

JUL 17 2007

Page 1 of 2

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Attn: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/590,045	Yasuo Suda	247322003800

INTERNATIONAL APPLICATION NO.
PCT/JP05/03220

IA. FILING DATE	PRIORITY DATE
02/18/2005	02/18/2004

CONFIRMATION NO. 5627

371 FORMALITIES LETTER



OC000000024336347

20872
MORRISON & FOERSTER LLP
426 MARKET STREET
SAN FRANCISCO, CA 94105-2482

RECEIVED

JUN 18 2007

Date Mailed: 06/13/2007

Morrison | Foerster - SF

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 08/17/2006
- English Translation of the IA filed on 08/17/2006
- Copy of the International Search Report filed on 08/17/2006
- Copy of IPE Report filed on 08/17/2006
- Copy of Annexes to the IPE filed on 08/17/2006
- English Translation of Annexes to the IPE filed on 08/17/2006
- Preliminary Amendments filed on 08/17/2006
- Information Disclosure Statements filed on 03/16/2007
- Oath or Declaration filed on 08/17/2006
- Request for Immediate Examination filed on 08/17/2006
- U.S. Basic National Fees filed on 08/17/2006
- Priority Documents filed on 08/17/2006
- Specification filed on 08/17/2006
- Claims filed on 08/17/2006
- Abstracts filed on 08/17/2006
- Drawings filed on 08/17/2006

*Missing Requirements Due
TO LATE FEE SB
OOLYEB 8/13/07
1/17/08 - F*

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and International filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:

- is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

VONDA M WALLACE

Telephone: (703) 308-9140 EXT 225

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/590,045	PCT/JP05/03220	247322003800

FORM PCT/DO/EO/905 (371 Formalities Notice)